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(21)Application number : 06-046858 (71)Applicant : MAZDA MOTOR CORP
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(54) POWDER COATING AGENT FOR LOW PRESSURE CASTING

(57)Abstract:

PURPOSE: To provide a coating agent for low pressure casting capable of surely preventing the generation of defects of a product, and obtaining the product with excellent workability, and preventing the pollution of water after use of the coating agent in the low pressure casting method.

CONSTITUTION: The coating agent is made by mixing the powder or granular base material of the coating agent consisting of the inorganic compound to be used as the coating agent in the solid condition with the organic compound to give the adhesivity to the base material of the coating agent. Both compounds are powder or granular, or the base material of the coating agent is covered by the organic compound, and one or more kinds of sepiolite, diatom earth, alumina, titanium oxide, bentonite, or non-crystalline silicon dioxide are used as the inorganic compound.

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